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**SECTION 1: IDENTIFICATION**

**Effective Date:** 12/17/96  
**Product Name:** Acetylsalicylic acid  
**Common Name:** Aspirin

**Chemical Formula:** C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>  
**CAS No.:** 50-78-2

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**SECTION 2: HAZARDOUS INGREDIENTS:**

**Oral(LD50):** Acute: 200mg/kg (rat)

Substance is toxic to blood, lungs, mucous membranes. Slightly dangerous to dangerous in case of skin contact (irritant). Very slightly to slightly dangerous in case of skin contact (corrosive, permeator), of ingestion, of inhalation.

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**SECTION 3: PHYSICAL DATA**

**Physical Data:**

Appearance:	solid
Odor:	not available
Boiling point:(760 mm Hg)	not available
Vapor Pressure (mmHg):	not available
Specific Gravity (Water=1):	1.35
Solubility in water:(by weight)	very slightly soluble in cold water
Melting Point:	139 C (282.2 F)
Volatility:	not available
Vapor Density:	not available

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**SECTION 4: FIRE AND EXPLOSION DATA**

**Fire and Explosion Information:**

Flash point:	not available
Flammable limit:	not available
Fire Fighting Procedures & Extinguishing Media:	small fire: us dry chemicals, CO <sub>2</sub> , water spray or foam; large fire: use water spray, fog or foam. Do not use water jet.
Unusual Fire and Explosion Hazards:	none

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**SECTION 5: REACTIVITY DATA**

**Reactivity Data:**

Stable     X     Unstable           

**Conditions to Avoid:**

<b>Incompatibilities:</b>	not available
<b>Hazardous Decomposition or byproducts:</b>	not available
<b>Hazardous Polymerization:</b>	none

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**SECTION 6: HEALTH HAZARD DATA**

**Permissible Exposure Limit:** not available

**Toxicity:**

**Oral LD50 (rat):**

acute; 200mg/kg

**NTP:**

**IARC Monographs:**

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

<b>First Aid:</b> flush	<b>Eyes:</b>	Check for and remove any contact lenses. Immediately eyes with running water for at least 15 minutes, keeping eyelids open. cold water may be used. Do not use an eye ointment. Seek medical attention.
	<b>Skin:</b>	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands, gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
	<b>Inhalation:</b>	Allow victim to rest in a well ventilated area. Seek immediate medical attention.
	<b>Ingestion:</b>	Remove dentures if any. Watch for an obstruction in the victim's mouth. Remove if possible what is causing the obstruction but do not force fingers or a hard object between the victim's teeth. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Seek medical attention.
<b>Spillage:</b>	small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. large spill: Poisonous solid. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basement or confined areas; dike if needed.	
Eliminate all sources of ignition. Call for assistance on disposal.		
<b>Disposal:</b>	Recycle to process, if possible. Consult your local or regional authorities.	

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**SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

<b>Precautions:</b>	Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest or breathe dust. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
<b>Storage:</b>	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

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**SECTION 9: SPECIAL PROTECTION INFORMATION**

<b>Ventilation:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit
<b>Eye Protection:</b>	Splash goggles
<b>Protective Gloves:</b>	Impervious
<b>Respiratory Protection:</b>	Wear respirator when ventilation is inadequate.

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**SECTION 10: TRANSPORT INFORMATION**

<b>DOT Classification:</b>	Class 6.1, Poisonous material, Toxic solid, organic, n.o.s, UN2811, Packing group III
<b>DOT pictogram:</b>	Harmful-keep away from foodstuffs, 6